

Technical Cybersecurity

Credential Details

Key Protocols Unauthenticated

KEY PROTOCOLS DO NOT AUTHENTICATE

- ▶ This allows traffic to be stolen (ARP) or misrouted (BGP)

PRETENDING TO BE A GATEWAY

- ▶ ...allows for key traffic to be routed to an attacker and read

Passwords Common

MULTI-FACTOR IDENTIFICATION COMING

- ▶ But it has it's own risks
- ▶ ...and it's really not that widely used

IMPORTANT TO UNDERSTAND ALGORITHMS

- ▶ Old techniques to save passwords are still common
- ▶ Important to understand which ones are strong, which aren't

How are they attacked?

PASSWORDS ARE KEY ATTACK VECTORS

- ▶ Bad password habits
- ▶ Weak passwords
- ▶ Email addresses as usernames

Let's take a look at
insecure protocols.